


TECHNICAL DATA

Blower Size		70mm x 120mm Diameter	
Blower Weight (no battery)	225g	Blower Weight w/ Battery (4x CR123):	345g
Blower Interface		NIOSH/STANAG 40mm Threaded inlet and outlet connections	
Flow Rate		64lpm – CTF12 filter 70lpm – CSCF50 filter	
Operational Noise:	<60db	Operational temp:	-25 Celsius to +70 Celsius
Run Time (CTF12 filter)		Hot Swap CR123 Battery: >8 hrs One time use (10yr battery): >8hrs Li-Ion rechargeable battery: >8hrs	
Alarms		Low flow and low battery audible alarm (can be programmed to be silent)	
Operation		Smart integrated power button – Press and hold for power on/off	
Interface with APR:		30" and 36" butyl hose with fire retardant cover. 40mm STANAG female and male connections. STD Hose is chemical hardened and common with C420 PAPR system	
Wearer Mounting		Low Profile blower carrier accepts both CTF12 and CSCF50 filters. Attached to belt (up to 60" waist) or MOLLE option. Nylon construction.	
Blower Construction		Noryl body, chemical hardened EPDM interface gaskets and seals	
EMI shielded	MIL-STD-461	Intrinsically Safe:	No

Additional:		C50 and FM53 APR can have unit mounted directly to APR using CSCF50 filter only. Recommended for border control/patrol activities, not currently NIOSH approved in this configuration.
Part Numbers:	81100-15	Avon EZAir NLM System 36" Hose
	81100-16	Avon EZAir NLM System 30" Hose
	81100-11	Battery, Replaceable (123)
	81100-14	Battery, Rechargeable (Li-ion)
	81100-12	Battery, Non-Rechargeable (10yr shelf)
	81100-23	Charger, Battery
	70501-214	Hose, 36"
	70501-213	Hose, 30"
	84110-10-1	Hose Cover 36"
	84110-10-2	Hose Cover 30"
	84200-11	Carrier, B/A
	84200-10	Belt 60"



NIOSH  
National Institute for Occupational Safety and Health

Industry Certified Protection Factors  
NATO standard protection factors give reassurance that the mask has been rigorously tested to optimum levels.  
C50: TC-14G-0309  
FM53: TC-14G-0310

\*Avon EZAir is not currently NIOSH approved for CBRN use. Avon EZAir with CSCF50 (conformal filter) as shown on cover is not a NIOSH approved configuration.

BREATHING  
**FRESH AIR**  
INTO PROTECTIVE  
EQUIPMENT

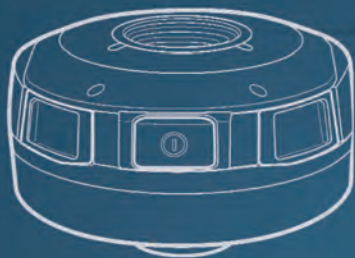




# AVON EZAIR™

There are lives depending on you.  
And you are depending on Avon EZAir.

It's hot. You're wearing body armor, a weapon and a full mask and helmet. There is chaos and split second decisions to be made. In these situations even the highest level of skill and physical training can be compromised by the sense of confinement and weight of your equipment.



APPLICATIONS



Police/ LE  
Corrections  
Crowd Control  
Border Patrol  
Bio Protection/Security

\*Avon EZAir is not currently NIOSH approved for CBRN applications.



Avon EZAir airflow system is substantially smaller and lighter than traditional systems while still delivering cooler, purified air directly to the mask.

Four years of research and development have resulted in the first air-system that delivers the benefits of a traditional Powered Air Device in a smaller, lighter, integrated system.

Avon EZAir drastically reduces mask-wearing fatigue while providing the ability to breathe easier through better airflow.

Modular Methodology allows user to add Avon EZAir to existing fielded systems such as the C50 or FM53 APR's.

Avon's EZAir continuous fresh airflow helps relieve the burden of heavy breathing enabling responders to easily communicate and perform critical tasks.

With common replacement parts, Avon EZAir operational costs are up to 70% less than traditional airflow systems resulting in a lower cost of ownership.

Instead of needing two filters to provide blown air, Avon EZAir only requires a single filter and has a run time of 8 hours (Filter life dependent of threat levels).

## POWERED FILTRATION

Less breathing  
resistance

Cooling sensation

Increased confidence



Accepts standard  
40mm STANAG  
connections for  
filters and hoses



Smallest and lightest  
self contained blower unit available

- 3 battery options that can be 'hot swapped' in contaminated environments
- Low flow/battery alarm
- Low operational noise (<60db)

- Modular carrier provides belt and MOLLE wearer positions
- Double O-ring seals & chemical resistant materials as standard



# AVON EZAIR™

